



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/778,971

Source: OIFE

Date Processed by STIC: 3-1-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

0570
1023

#5

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/778,971

DATE: 10/30/2001

TIME: 13:01:02

Input Set : A:\6138SEQ.txt

Output Set: N:\CRF3\10302001\I778971.raw

1 <110> APPLICANT: Shaughnessy, John D.
3 <120> TITLE OF INVENTION: Evi27 Gene Sequence and Protein Encoded Thereby
5 <130> FILE REFERENCE: D6138
7 <140> CURRENT APPLICATION NUMBER: US 09/778,971
8 <141> CURRENT FILING DATE: 2001-02-02
10 <150> PRIOR APPLICATION NUMBER: US 60/180,374
11 <151> PRIOR FILING DATE: 2000-02-04
13 <160> NUMBER OF SEQ ID NOS: 9
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18 <212> TYPE: DNA
19 <213> ORGANISM: Homo sapiens
21 <220> FEATURE:
23 <221> NAME/KEY: prim_transcript
24 <223> OTHER INFORMATION: cDNA of human Evi27
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35 ggtggtaaat ggacattttc ctatatcggc ttccctgtag agctgaacac 400
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37 atggcccttc catgtctgtg aatttcacct caccaggctg cctagaccac 500
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39 gaacatcact gcttgttaaga agaataagga gacagtagaa gtgaacttca 600
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41 atcatcgggt tttctcaggt gtttgagcca caccagaaga aacaaacgag 700
42 agcttcagtg gtgattccag tgactgggga tagtgaaggt gctacggtgc 750
43 agctgactcc atattttcct acttgtggca gcgactgcat ccgacataaa 800
44 ggaacagttg tgctctgccc acaaacaggc gtccctttcc ctctggataa 850
45 caacaaaagc aagccgggag gctggctgcc tctcctcctg ctgtctctgc 900
46 tgggtggcac atgggtgctg gtggcaggga tctatcta atgtggaggc 950
47 gaaaggatca agaagacttc cttttctacc accacactac tgcccccat 1000
48 taaggttctt gtgggtttacc catctgaaat atgtttccat cacacaattt 1050
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50 gaaaagtggc agaaaaagaa aatagcagag atgggtccag tgcagtggct 1150
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55 gagagattga tacaaaagac gattacaatg ctctcagtg ctgccccaa 1400
56 taccacttca tgaaggatgc cactgctttc tgtgcagaac ttctccatgt 1450
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58 gctgctcctt gtagccacc catgagaagc aagagacctt aaaggcttcc 1550

ENTERED

Filed with 10/5/01 diskettes
but not processed until 10/30/01

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DATE: 10/30/2001

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TIME: 13:01:02

Input Set : A:\6138SEQ.txt

Output Set: N:\CRF3\10302001\I778971.raw

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61 tttcaaatat tactaactaa tgtagcatta actaacgatt ggaaactaca 1700
62 tttaaacctt caaagctgtt ttatacatag aaatcaatta cagctttaat 1750
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68 <212> TYPE: DNA
69 <213> ORGANISM: Homo sapiens
71 <220> FEATURE:
73 <221> NAME/KEY: prim_transcript
74 <223> OTHER INFORMATION: cDNA of human Evi27
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79 agagtggatg ctacaacatg atctaattccc cggagacttg agggacctcc 150
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82 ggccaccaag atttgtgtga cgggcaaaag caacttccag tcctacagct 300
83 gtgtgaggtg caattacaca gaggccttcc agactcagac cagaccctct 350
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86 atggcccttc catgtctgtg aatttcacct caccaggctg cctagaccac 500
87 ataatgaaat ataaaaaaa gtgtgtcaag gccggaagcc tgtgggatcc 550
88 gaacatcact gcttgtgaaga agaattgagga gacagtagaa gtgaacttca 600
89 caaccatccc cctgggaaac agatacatgg ctottatcca acacagcact 650
90 atcatcgggt tttctcaggt gtttgagcca caccagaaga aacaaacgcg 700
91 agcttcagtg gtgattccag tgactgggga tagtgaaggt gctacggtgc 750
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94 tctgccagca gacaccagtt aagtggcggt catgggggtt ctttcgctgc 900
95 agcctccacc gtgctgaggt caggaggccg acgtggcagt tgtggtccct 950
96 tttgcttgta ttaatggctg ctgaccttcc aaagcacttt ttattttcat 1000
97 tttctgtcac agacactcag ggatagcagt accattttac ttccgcaagc 1050
98 ctttaactgc aagatgaagc tgcaaagggt ttgaaatggg aaggtttgag 1100
99 ttccaggcag cgtatgaact ctggagaggg gctgccagtc ctctctgggc 1150
100 cgcagcggac ccagctggaa cacaggaagt tggagcagta ggtgctcctt 1200
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W--> 103 cttcattccc tggcataaaa agtgntcaaa cacaccagag ggggcaggca 1350
104 ccagccaggg tatgatgggt actacccttt tctggagaac catagacttc 1400
105 ccttactaca gggacttgca tgtcctaaag cactggctga aggaagccaa 1450
106 gaggatcact gctgctcctt tttttagtag gaaatgtttg tgtacgtggt 1500
107 aagatatgac ctagcccttt taggtaagcg aactggatat ttagtaacgt 1550
108 gtacaaagtt taggttcaga ccccgggagt cttgggcatg tgggtctcgg 1600
109 gtcactgggt ttgacttttag ggctttgtta cagatgtgtg accaagggga 1650
110 aaatgtgcat gacaacacta gaggttaggg cgaagccaga aagaagggaa 1700
111 gttttggctg aagtaggagt cttggtgaga ttttgctgtg atgcatggtg 1750

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RAW SEQUENCE LISTING

DATE: 10/30/2001

PATENT APPLICATION: US/09/778,971

TIME: 13:01:02

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113 cttgtggcag cgactgcacg cgacataaaag gaacagttgt gctctgcccc 1850
114 caaacaggcg tccctttccc tctggataac aacaaaagca agccgggagg 1900
115 ctggctgcct ctccctcctg tgtctctgct ggtggccaca tgggtgctgg 1950
116 tggcagggat ctatctaagt tggaggcagc aaaggatcaa gaagacttcc 2000
117 ttttctacca ccacactact gccccccatt aaggttcttg tggtttacct 2050
118 atctgaaata tgtttccatc acacaatttg ttacttcaact gaattttctc 2100
119 aaaaccattg cagaagttag gtcacacctg aaaagtggca gaaaaagaaa 2150
120 atagcagaga tgggtccagt gcagtggctt gccactcaaa agaaggcagc 2200
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124 tctgcacaaa tacgtggtgg tctactttag agagattgat acaaaaagacg 2400
125 attacaatgc tctcagtgtc tgccccaaagt accacttcat gaaggatgcc 2450
126 actgctttct gtgcagaact tctccatgtc aagcagcagg tgtcagcagg 2500
127 aaaaagatca caagcctgcc acgatggctg ctgctccttg tagcccaccc 2550
128 atgagaagca agagacctta aaggcttcct atcccaccaa ttacagggaa 2600
129 aaaacgtgtg atgatcctga agcttactat gcagcctaca aacagcctta 2650
130 gtaattaaaa cattttatac caataaaatt ttcaaataat actaactaat 2700
131 gtagcattaa ctaacgattg gaaactacat ttacaacttc aaagctgttt 2750
132 tatacataga aatcaattac agctttaatt gaaaactgta accattttga 2800
133 taatgcaaca ataaagcatc ttccaaaaaa aaaaaaaaaa aaaaaaaaaa 2850
134 aaaaaa 2856

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136 <210> SEQ ID NO: 3

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138 <212> TYPE: DNA

139 <213> ORGANISM: Unknown

141 <220> FEATURE:

143 <221> NAME/KEY: prim_transcript

144 <223> OTHER INFORMATION: cDNA of mouse Evi27

146 <400> SEQUENCE: 3

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149 cagggccatc tccagagtgg atggtccaac acacactcac tccaggagac 150
150 ttgagggacc tccaagtgga actcgtcaag acaagtgtgg cagcagagga 200
151 gttttcaatt ttgatgaaca taagctggat actccgggca gacgccagca 250
152 tccgcttggt gaaggccacc aagatctgct tgagtggcaa aaacaacatg 300
153 aattcataca gctgtgtgag gtgcaactac acagaggcct tccaaagcca 350
154 gaccagacct tccggcgcca aatggacatt ctcctatgta ggcttccctg 400
155 tggagctgag cactctctat ctcatcagcg ccataacat ccccaatgct 450
156 aatatgaatg aggacagccc ttctttgtct gtgaacttca cctcgccagg 500
157 ctgcctaaac cacgtaatga aatataaaaa gcagtgcact gaggcgggaa 550
158 gcctgtggga ccagacatc actgcttgta aaaagaacga gaagatggtt 600
159 gaagtgaatt tcacaaccaa tccccttgga aacagataca cgatttctcat 650
160 tcaacgggac acgacattgg ggttttctag agtgctggag aataaactga 700
161 tgaggacgtc tgtatgccatc ccggtgactg aggagagtga aggtgcggtg 750
162 gttcagctga ccccatattt acatacctgc ggcaatgact gcatccgacg 800
163 cgaagggaca gttgtgcttt gctcagagac aagtgtccc atccctccag 850
164 atgacaacag acgcatgctg ggaggctggc tgcctctctt cctggtgctg 900

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TIME: 13:01:02

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Output Set: N:\CRF3\10302001\I778971.raw

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167 tcattaaggt cctggtgggtt tatccttctg agatatgttt ccatcacacc 1050
168 gtctgtcgtc tcaactgactt tcttcaaaaac tactgcagaa gtgagggtcat 1100
169 ccttgaaaaa tggcagaaaa agaaaatcgc cgagatgggg ccggtacagt 1150
170 ggctgaccac tcagaagcaa gcggcagata aagtgggtctt ccttcttccc 1200
171 agtgacgtcc cgaccctttg tgacagtgcc tgtggccaca atgagggcag 1250
172 cgccaggag aactctcagg atctgttccc tcttgccctt aacctctttt 1300
173 gtagtgattt cagcagccag acgcactctg acaaatacct ggtggtctat 1350
174 cttgggggag cagacctcaa aggcgactat aatgccctga gtgtctgccc 1400
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178 cctactctcc cttccagtga caaatgtctg gtgacgactc tgaaatgtgt 1600
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184 ggtctgtctt gcaactgcca tgctctatgc tgcacgtaga ccgttttgta 1900
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186 aaaaaaaaaa aaa 1963

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188 <210> SEQ ID NO: 4

189 <211> LENGTH: 2589

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191 <213> ORGANISM: Unknown

193 <220> FEATURE:

195 <221> NAME/KEY: prim_transcript

196 <223> OTHER INFORMATION: cDNA of mouse Evi27

198 <400> SEQUENCE: 4

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201 cagggccatc tccagagtgg atggtccaac acacactcac tccaggagac 150
202 ttgagggacc tccaagtgga actcgtcaag acaagtgtgg cagcagagga 200
203 gttttcaatt ttgatgaaca taagctggat actccgggca gacgccagca 250
204 tccgcttggt gaaggccacc aagatctgcy tgagtggcaa aaacaacatg 300
205 aattcataca gctgtgtgag gtgcaactac acagaggcct tccaaagcca 350
206 gaccagacct tccggcggca aatggacatt ctccatgtga ggcttccctg 400
207 tggagctgag cactctctat ctcatcagcy ccataacat cccaatgct 450
208 aatatgaatg aggacagccc ttctttgtct gtgaacttca cctcgccagg 500
209 gtgcactcgt gaaaacacag aagtaacgtc cgggtgtatt ccagcagcta 550
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211 gggccagagg actcagtcac tctgccaccc cagcctctgg cgtcgctttt 650
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215 ttgttggtga ggttcgtgcc tactaggcat ctgggtatct accacctgga 850
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RAW SEQUENCE LISTING

DATE: 10/30/2001

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Input Set : A:\6138SEQ.txt

Output Set: N:\CRF3\10302001\I778971.raw

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219 gttgtctctc atatctgaag taagtgtgtg tgtgtgtgtt ttgtgtgtgt 1050
220 gtgtgtgtgt gtgtgtgtac tgggcaaaagg gttataacct tactcaaatg 1100
221 taacaacttt cattcacatt cccaggctgc ctaaaccacg taatgaaata 1150
222 taaaaagcag tgactgagg cggaagcct gtgggaccca gacatcactg 1200
223 cttgtaaaaa gaacgagaag atggttgaag tgaatttcac aaccaatccc 1250
224 cttggaaaca gatacacgat tctcattcaa cgggacacga cattgggggtt 1300
225 ttctagagtg ctggagaata aactgatgag gacgtctgta gccatcccgg 1350
226 tgactgagga gagtgaagg gcggtggttc agctgacccc atatttacat 1400
227 acctgcggca atgactgcat ccgacgcgaa gggacagtgt tgctttgctc 1450
228 agagacaagt gctcccatcc ctccagatga caacagacgc atgctgggag 1500
229 gctggctgcc tctcttcctg gtgctgctgg tggctgtgtg ggtgctggca 1550
230 gctgggatct acctaaactg gaggcaagga aggagcacga agacgtcctt 1600
231 tcctatttcc accatgctcc tgccctcat taaggctcct gtggtttatc 1650
232 cttctgagat atgtttccat cacaccgtct gtcgcttcac tgactttctt 1700
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235 cagataaagt ggtcttcctt cttcccagtg acgtcccgc ctttgtgac 1850
236 agtgctgtg gccacaatga gggcagcgcc agggagaact ctcaggatct 1900
237 gttccctctt gcctttaacc tctttttagt tgatttcagc agccagacgc 1950
238 atctgcacaa atacctggtg gtctatcttg ggggagcaga cctcaaaggc 2000
239 gactataatg ccctgagtgt ctgcccccaa tatcatctca tgaaggacgc 2050
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244 ctatgtacaa acttgcttta aaactggagt ttgcaaagtc aacctgagca 2300
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248 tccctgtcag gctgtctgtc aggttgggtc tgtcttgcac tgcccatgct 2500
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252 <210> SEQ ID NO: 5

253 <211> LENGTH: 502

254 <212> TYPE: PRT

255 <213> ORGANISM: Homo sapiens

257 <220> FEATURE:

259 <221> NAME/KEY: peptide

260 <223> OTHER INFORMATION: Human Evi27 protein

262 <400> SEQUENCE: 5

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266           20              25              30
267 Ser Pro Glu Trp Met Leu Gln His Asp Leu Ile Pro Gly Asp Leu
268           35              40              45
269 Arg Asp Leu Arg Val Glu Pro Val Thr Thr Ser Val Ala Thr Gly
270           50              55              60

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/778,971

DATE: 10/30/2001

TIME: 13:01:03

Input Set : A:\6138SEQ.txt

Output Set: N:\CRF3\10302001\I778971.raw

L:103 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2

L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2